

SEQUENCE LISTING

<110> LIBON Christine
CORVAIA Nathalie
N'GUYEN Thien
BECK Alain
BONNEFOY Jean-Yves

<120> BACTERIAL MEMBRANE FRACTIONS WITH ADJUVANT EFFECT

<130> D17975

<150> FR 99 03 153

<151> 1999-03-15

<150> PCT/FR00/00622

<151> 2000-03-15

<160> 2

<170> PatentIn Vers. 2.0

<210> 1

<211> 1035

<212> DNA

<213> Klebsiella pneumoniae

<220>

<221> exon

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<220>

<221> intron

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tat	gca	ggt	ggt	aaa	ctg	ggt	tgg	tcc	cag	tat	cac	gac	acc	ggt	ttc	96
Tyr	Ala	Gly	Gly	Lys	Leu	Gly	Trp	Ser	Gln	Tyr	His	Asp	Thr	Gly	Phe	
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tac	ggt	aac	ggt	ttc	cag	aac	aac	aac	ggt	ccg	acc	cgt	aac	gat	cag	144
Tyr	Gly	Asn	Gly	Phe	Gln	Asn	Asn	Asn	Gly	Pro	Thr	Arg	Asn	Asp	Gln	
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ctt	ggt	gct	ggt	gcg	ttc	ggt	ggt	tac	cag	ggt	aac	ccg	tac	ctc	ggt	192
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Phe	Glu	Met	Gly	Tyr	Asp	Trp	Leu	Gly	Arg	Met	Ala	Tyr	Lys	Gly	Ser	
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Val	Asp	Asn	Gly	Ala	Phe	Lys	Ala	Gln	Gly	Val	Gln	Leu	Thr	Ala	Lys	
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ctg	ggt	tac	ccg	atc	act	gac	gat	ctg	gac	atc	tac	acc	cgt	ctg	ggc	336
Leu	Gly	Tyr	Pro	Ile	Thr	Asp	Asp	Leu	Asp	Ile	Tyr	Thr	Arg	Leu	Gly	
			100					105					110			
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Gly	Met	Val	Trp	Arg	Ala	Asp	Ser	Lys	Gly	Asn	Tyr	Ala	Ser	Thr	Gly	
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Gly	Val	Glu	Trp	Ala	Val	Thr	Arg	Asp	Ile	Ala	Thr	Arg	Leu	Glu	Tyr	
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Asp	Asn	Gly	Met	Leu	Ser	Leu	Gly	Val	Ser	Tyr	Arg	Phe	Gly	Gln	Glu	
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Asp	Ala	Ala	Pro	Val	Val	Ala	Pro	Ala	Pro	Ala	Pro	Ala	Pro	Glu	Val	
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Thr	Gln	Leu	Ser	Asn	Met	Asp	Pro	Lys	Asp	Gly	Ser	Ala	Val	Val	Leu	
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ggc	tac	acc	gac	cgc	atc	ggt	tcc	gaa	gct	tac	aac	cag	cag	ctg	tct	816
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gag	aaa	cgt	gct	cag	tcc	gtt	gtt	gac	tac	ctg	gtt	gct	aaa	ggc	atc	864
Glu	Lys	Arg	Ala	Gln	Ser	Val	Val	Asp	Tyr	Leu	Val	Ala	Lys	Gly	Ile	
		275				280						285				
ccg	gct	ggc	aaa	atc	tcc	gct	cgc	ggc	atg	ggt	gaa	tcc	aac	ccg	gtt	912
Pro	Ala	Gly	Lys	Ile	Ser	Ala	Arg	Gly	Met	Gly	Glu	Ser	Asn	Pro	Val	
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act	ggc	aac	acc	tgt	gac	aac	gtg	aaa	gct	cgc	gct	gcc	ctg	atc	gat	960
Thr	Gly	Asn	Thr	Cys	Asp	Asn	Val	Lys	Ala	Arg	Ala	Ala	Leu	Ile	Asp	
305				310					315					320		
tgc	ctg	gct	ccg	gat	cgt	cgt	gta	gag	atc	gaa	gtt	aaa	ggc	tac	aaa	1008
Cys	Leu	Ala	Pro	Asp	Arg	Arg	Val	Glu	Ile	Glu	Val	Lys	Gly	Tyr	Lys	

325

330

335

1035

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<210> 2

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<212> PRT

<213> *Klebsiella pneumoniae*

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 35 40 45

Leu Gly Ala Gly Ala Phe Gly Gly Tyr Gln Val Asn Pro Tyr Leu Gly
 50 55 60

Phe Glu Met Gly Tyr Asp Trp Leu Gly Arg Met Ala Tyr Lys Gly Ser
 65 70 75 80

Val Asp Asn Gly Ala Phe Lys Ala Gln Gly Val Gln Leu Thr Ala Lys
 85 90 95

Leu Gly Tyr Pro Ile Thr Asp Asp Leu Asp Ile Tyr Thr Arg Leu Gly
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Gly Met Val Trp Arg Ala Asp Ser Lys Gly Asn Tyr Ala Ser Thr Gly
 115 120 125

Val Ser Arg Ser Glu His Asp Thr Gly Val Ser Pro Val Phe Ala Gly
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Gly Val Glu Trp Ala Val Thr Arg Asp Ile Ala Thr Arg Leu Glu Tyr
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Gln Trp Val Asn Asn Ile Gly Asp Ala Gly Thr Val Gly Thr Arg Pro
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Asp Asn Gly Met Leu Ser Leu Gly Val Ser Tyr Arg Phe Gly Gln Glu
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Asp Ala Ala Pro Val Val Ala Pro Ala Pro Ala Pro Glu Val
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Ala Thr Lys His Phe Thr Leu Lys Ser Asp Val Leu Phe Asn Phe Asn
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Lys Ala Thr Leu Lys Pro Glu Gly Gln Gln Ala Leu Asp Gln Leu Tyr
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Thr Gln Leu Ser Asn Met Asp Pro Lys Asp Gly Ser Ala Val Val Leu
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Gly Tyr Thr Asp Arg Ile Gly Ser Glu Ala Tyr Asn Gln Gln Leu Ser
 260 265 270

Glu Lys Arg Ala Gln Ser Val Val Asp Tyr Leu Val Ala Lys Gly Ile
 275 280 285

Pro Ala Gly Lys Ile Ser Ala Arg Gly Met Gly Glu Ser Asn Pro Val
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Thr Gly Asn Thr Cys Asp Asn Val Lys Ala Arg Ala Ala Leu Ile Asp
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Cys Leu Ala Pro Asp Arg Arg Val Glu Ile Glu Val Lys Gly Tyr Lys
 325 330 335

Glu Val Val Thr Gln Pro Ala Gly
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